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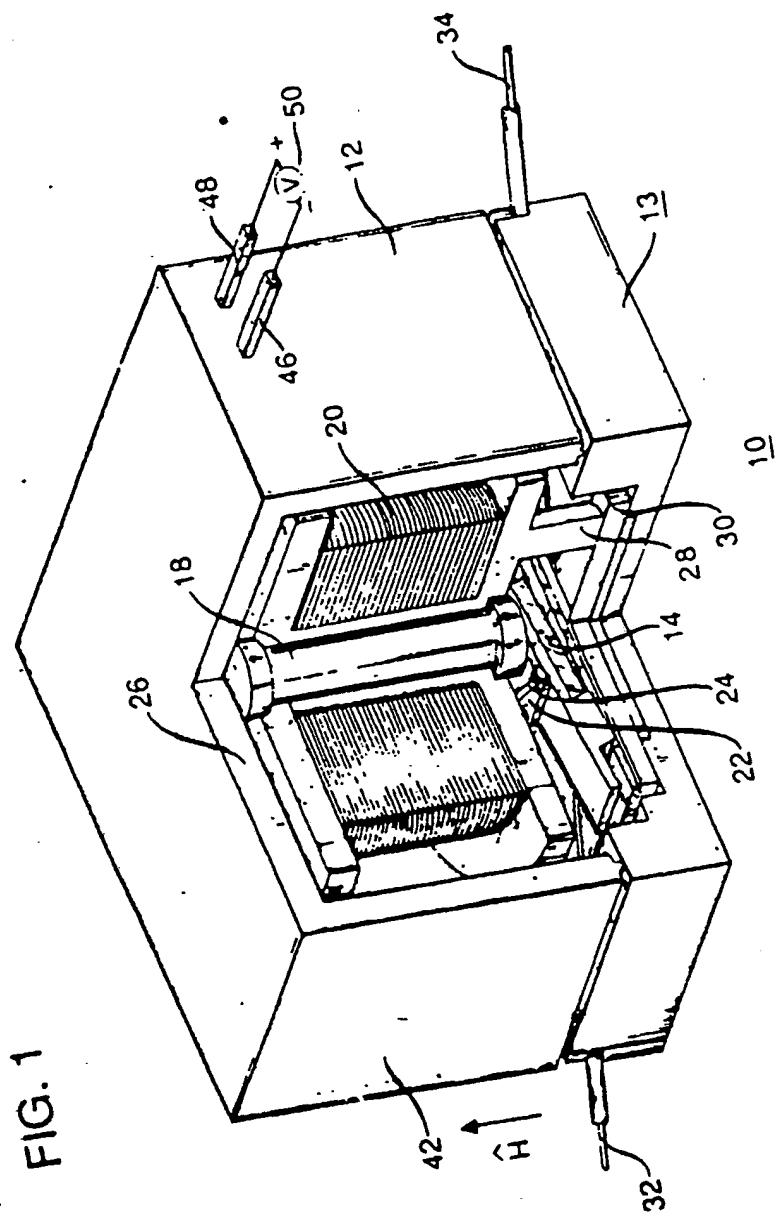
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(54) Activation mechanism for an optical switch.

(57) An activation mechanism for an optical switch is disclosed. The mechanism is particularly suited for use with switches requiring the movement of a reflecting element into and out of an optical signal path to provide switching. The mechanism consists of a reflecting element (e.g., mirror (14)) and a means (18, 20) (e.g., magnetic, electrostatic, vacuum) for moving the reflecting element into and out of the optical signal path. In the absence of any applied signal, the reflecting element is positioned to intercept an optical signal and redirect it into the chosen output signal path. Upon the application of an external signal, the moving means will create a force of a strength sufficient to move the mirror and allow the optical signal to pass through the switch unobstructed by the reflecting element.

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FIG. 1



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## EUROPEAN SEARCH REPORT

Application Number

EP 91 30 2817

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EP-A-221288 (SOCAPEX) * column 3, line 47 - column 4, line 19 * * abstract; figures 1-5 *	1, 2, 6	G02B26/02
A	* claim 11 * ---	3, 7	
A	DE-A-3608134 (ANT NACHRICHTENTECHNIK) * column 2, lines 23 - 36 *	1-3	
A	PATENT ABSTRACTS OF JAPAN vol. 12, no. 388 (P-771)(3235) 17 October 1988, & JP-A-63 131118 (NIPPON TELEGR & TELEPH) 3 June 1988, * the whole document *	1, 7	
D, A	US-A-4580873 (F.H. LEVINSON) * abstract; figure 1 *	/	
A	WO-A-8702518 (BRITISH TELECOMMUNICATIONS) * abstract *	7	
A	IBM TECHNICAL DISCLOSURE BULLETIN. vol. 27, no. 2, July 1984, NEW YORK US pages 1119 - 1120; M.B. Callaway et al.: "ARRAY LIGHT VALVE SWITCHES INFORMATION SIGNALS BETWEEN FIBER-OPTIC SIGNAL CONDUCTORS" -----	7	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
Place of search BERLIN		Date of completion of the search 08 OCTOBER 1991	Examiner FUCHS R.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			